

Attorney Docket: 27209U

MAIL STOP PCT

U.S. Department Of Commerce, Patent And Trademark Office		Date: January 27, 2006
Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371		U.S. Application No.: <b>2005/010211</b> (if known, Not Yet Assigned)
International Application No.: PCT/IL2004/000692	International Filing Date: 28 July 2004 (28.07.2004)	Priority Date Claimed: 28 July 2003 (28.07.2003) US
Title of Invention: <b>OPTICAL DETECTION OF ANALYTES BY USE OF SEMICONDUCTOR NANOPARTICLES</b>		
Applicants for DO/EO/US: PATOLSKY, Fernando; GILL, Ron; WEIZMANN, Yossi; WILLNER, Itamar; BANIN, Uri; MOKARI, Taleb		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL LETTER; INTERNATIONAL PUBLICATION NUMBER: WO 2005/010211 A1, WITH PCT/ISA/210 (INTERNATIONAL SEARCH REPORT); INTERNATIONAL PUBLICATION DATE: 3 FEBRUARY 2005 (03.02.2005), WHICH CONSISTS OF 30 PAGES: 1 PAGE FOR THE COVER SHEET, WITH ABSTRACT, 17 PAGES OF TEXTUAL SPECIFICATION, 6 PAGES OF 36 CLAIMS, 5 SHEETS OF DRAWINGS, 1 PAGE OF THE SEQUENCE LISTING; <b>PRELIMINARY AMENDMENT WITH APPENDIX A TO BE EXAMINED</b>; UNEXECUTED DECLARATION AND POWER OF ATTORNEY; POSTCARD FOR EARLY NOTIFICATION OF THE SERIAL NUMBER REQUEST.</li> </ol>		

02 JAN 2006 11:00

1AP20R03 27 JAN 2006

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U.S. Application Number: (If known): Not Yet Assigned <b>10/566078</b>	International Application Number: PCT/IL2004/000692	Date: January 27, 2006
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The following fees are submitted:

21. Basic National Fee (37 CFR 1.492(a))..... \$ 300.00

22. Examination Fee (37 CFR 1.492 (c))  
If the written opinion prepared by ISA/US or the  
International Preliminary Examination report prepared by  
IPEA/US indicates all claims satisfy provisions of PCT  
Article 33(1)-(4) ..... \$ 0.00  
All other situations ..... \$ 200.00

23. Search Fee (37 CFR 1.492(b))  
If the written opinion of the ISA/US or the International  
Preliminary Examination report prepared by IPEA/US indicates  
all claims satisfy provisions of PCT Article 33(1)-(4)  
..... \$ 0.00

Search fee (37 CFR 1.445(a)(2)) has been paid on the  
international application to the USPTO as an International  
Searching Authority ..... \$ 100.00  
International Search Report prepared by an ISA other than  
the US and provided to the Office or previously communicated  
to the US by the IB ..... \$ 400.00  
All other situations ..... \$ 500.00

Additional fee for specification and drawings filed in  
paper over 100 sheets (excluding Sequence listing or  
computer program listing filed in an electronic medium).  
The fee is \$ 250.00 for each additional 50 sheets of paper or  
fraction thereof.

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS

PTO USE ONLY

\$ 300.00

\$ 200.00

\$ 400.00

\$ 900.00

Surcharge of \$130.00 for furnishing the oath or declaration  
later than 20 30 months from the earliest claimed  
priority date (37 CFR 1.492(e)).

\$ 0.00

CLAIMS	NUMBER: FILED	NUMBER: EXTRA	RATE		
TOTAL	26-20=	6	X \$ 50.00	\$ 300.00	
INDEPENDENT	4-3=	1	X \$ 200.00	\$ 200.00	
Multiple dependent claims(s) (if applicable)			+ \$360.00	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,400.00	
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0.00	
SUBTOTAL =				\$ 700.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 700.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 700.00	
				Amount to be: refunded charged	\$ \$

IAP20 REG'D PCT/PTO 27 JAN 2006

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(if known): Not Yet AssignedInternational Application  
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Date: January 27, 2006

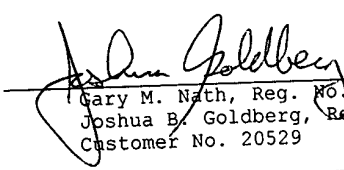
10/566078

- a. ☒ Two checks in the amounts of \$ 450.00 and \$ 250.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d. ☐ Fees are to be charged to a credit card \_\_\_\_\_ WARNING: Information on this form may become public \_\_\_\_\_ Credit Card Information should not be included on this form.  
\_\_\_\_\_ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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10/566078

1AP20R001PCT/PTO  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PATOLSKY, et al.

Serial No.: Not Yet Assigned

Filed: January 27, 2006

International Application No.: PCT/IL2004/000692

International Filing Date: 28 July 2004 (28.07.2004)

Title: **OPTICAL DETECTION OF ANALYTES BY USE OF SEMICONDUCTOR  
NANOPARTICLES**

TRANSMITTAL LETTER

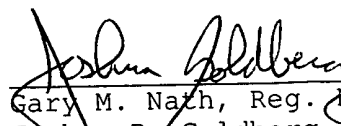
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning filing under 35 U.S.C. 371;
- 2) International Publication Number: WO 2005/010211 A1, with PCT/ISA/210 (International Search Report); International Publication Date: 3 February 2005 (03.02.2005), which consists of 30 pages:
  - 1 page for the Cover Sheet, with Abstract,
  - 17 pages of Textual Specification,
  - 6 pages of 36 Claims,
  - 5 sheets of Drawings,
  - 1 page of the Sequence Listing;
- 3) **Preliminary Amendment with Appendix A to be Examined;**
- 4) Unexecuted Declaration and Power of Attorney;
- 5) Check No.: 1594 in the Amount of \$ 450.00 for Basic Filing Fee, which includes the Search and Examination Fees, as a Small Entity;
- 6) Check No.: 1595 in the Amount of \$ 250.00 for 6 Extra Total Claims (\$150) and 1 Extra Independent Claim (\$100), as a Small Entity;
- 7) Postcard for Early Notification of the Serial Number Request.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

  
Gary M. Nath, Reg. No. 26,965  
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